

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant(s) : Stewart Loh, et al.**  
**Appl. No. : 10/802,516**  
**Filed : 03/17/2004**  
**Title : MUTUALLY EXCLUSIVE DOMAIN FOLDING**  
**MOLECULAR SWITCH**  
**Art Unit : 1653**  
**Examiner : Pablo Whaley**  
**Dkt. No. : RFSUNY-3681 R1407**

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Honorable Commissioner For Patents  
U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REPLY WITH AMENDMENTS  
AND  
REQUEST FOR RECONSIDERATION**

Sir:

This paper is being filed in response to an Office Action dated April 21, 2006, in connection with the above-identified application. Applicant respectfully requests that the above-identified application be reconsidered in view of the Amendments and Remarks that follow, that each of the presently pending claims be allowed, and that the application be passed to issue.